Split System Submittal Data

USPA-AC-BAC-128

Requires (1) Communication Adaptor (CZ-CFUNC1U)

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit#: _____
Drawing#: _____

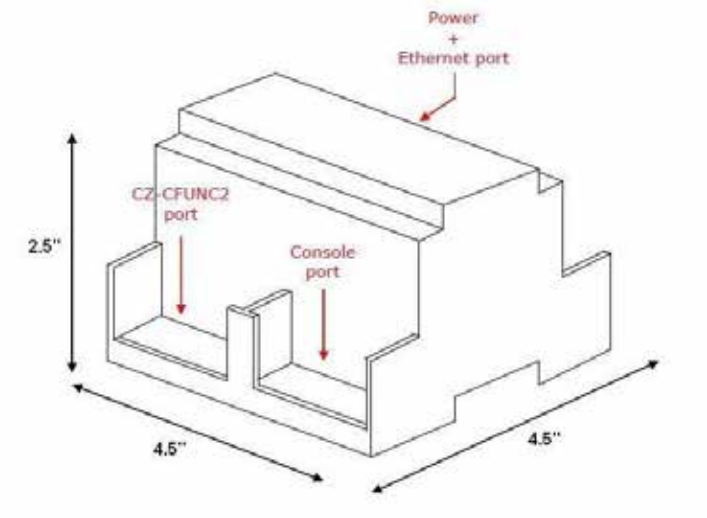
Product Overview	
The USPA-AC-BAC-128 is a BACnet over IP server device, capable of monitoring and controlling ECOi, ECOiEX and PACi systems. Up to 128 indoor units and 30 outdoor units can be integrated.	Includes an Auto-Discover feature that detects connected Panasonic equipment for a quick and easy setup and Integration.

Mechanical and Electrical Specifications	
Power	9 to 30Vdc +/- 10%, Max.:125mA. 24Vac +/- 10% 50-60Hz, Max.:127mA.
Enclosure	Plastic, type PC (UL 94 V-0). 4.5" X 4.5" X 2.5"
Mounting	Wall DIN rail EN60715 TH35
BACnet/IP Port	1 x Ethernet Port 10Base-t (RJ45).
LED Indicators	1 x Power. 2 x Ethernet port link and activity (LNK, ACT).
Configuration	Via console port (EIA232) or Ethernet Port.
Operational Temperature	32°F to 158°F
Operational Humidity	5 to 95 %, non condensing.

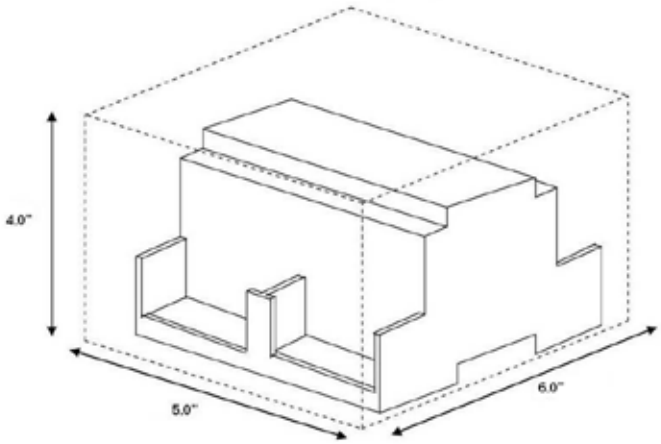
BACnet Interface	
Device Type Server	Server
BACnet Type	BACnet/IP (accessible through Ethernet).
BACnet Configurable Parameters	IP Address. Subnet Mask. Default Gateway Address. Device Name. Device Instance Number.
Interactivity with BACnet	Internal point's Read/Write allowed. Subscription requests (COV) allowed.

Features	
Global and Individual Operation/ Setting Objects	**Global and Individual Monitor/ Status Objects**
• All On/Off	• On/Off
• On/Off	• Mode
• Mode	• Setpoint
• Setpoint	• Fan Speed
• Fan Speed	• Air Direction
• Air Direction (N/A for Ducted Units)	• Space Temperature
• Filter Sign Reset	• Prohibited Thermostats Functions
• Prohibit Thermostat Functions	• Filter Status
• Occupancy/Unoccupied All	• Unit and System Error Codes
• Occupied/Unoccupied Cool Setpoints	• CZ-FUNC1U Error Codes
• Occupied/Unoccupied Heat Setpoints	• Occupied/Unoccupied Mode
• Consumption Reset	• Today, Yesterday and Total Consumption.

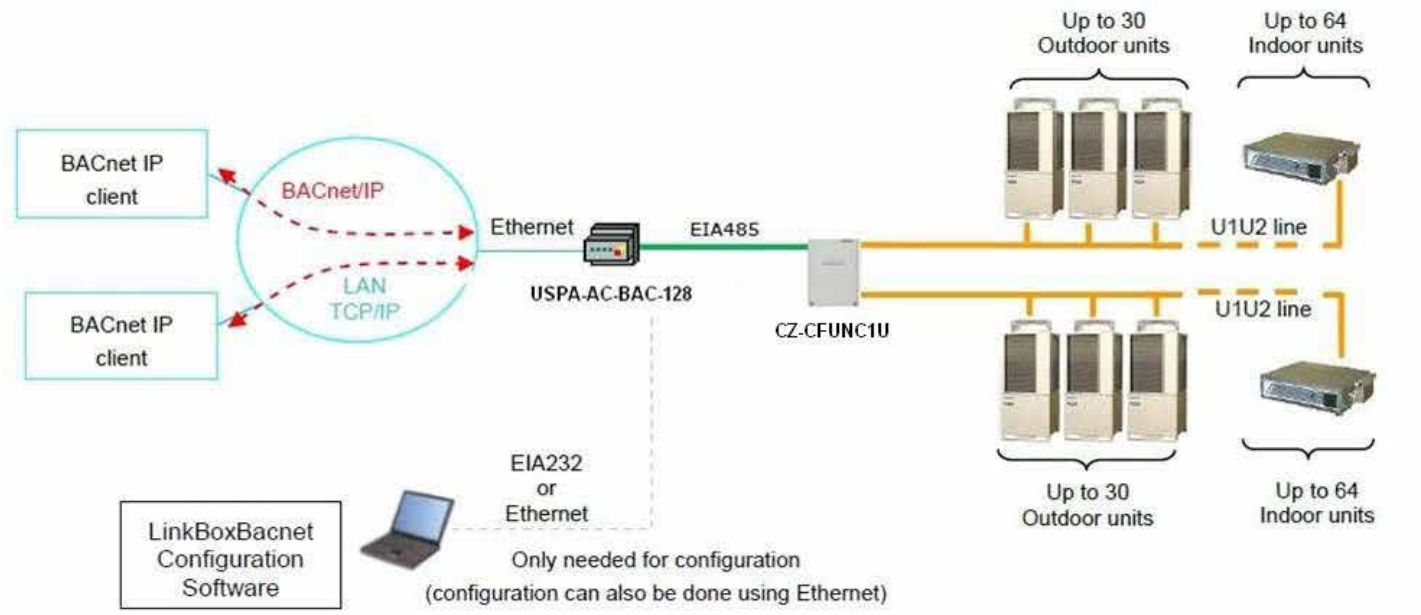
Dimensions



Minimum Clearances



System Example



Panasonic

Panasonic North America
Air Conditioning Division
1690 Roberts Blvd., NW, Suite 110
Kennesaw, GA 30144
http://www.panasonic.com/aircon